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Notes on Hymenoptera from Aride Island (Republic of Seychelles)

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A b s t r a c t : Records of seven species are dealt with. *Brachymeria lepida* MASI 1917, *B. podagrica* (FABRICIUS 1787) (Chalcididae), and *Lasioglossum mahense* (CAMERON 1907) (Halictidae) are new to the fauna of Aride. A checklist of the known species is added.

K e y w o r d s : Hymenoptera, Apidae, Halictinae, Chalcididae, Vespidae, new records, check list, Seychelles, Aride.

Introduction

Recently the insect fauna of Aride Island has been reviewed by the ARIDE ISLAND Research Group (1999). Till now 21 species of Hymenoptera have been recorded from Aride. A part of the material of the Oxford University Expeditions to Seychelles in 1975 and 1978, which is housed in the Hope Entomological Collections of the Oxford University Museum of Natural History, contains seven species of Hymenoptera, of which three species are new to the fauna of Aride.

Material

Family C h a l c i d i d a e

Subfamily C h a l c i d i n a e

Brachymeria podagrica (FABRICIUS 1787)

Aride: in earth 1 ♀, cocon in earth 26.7.1975 leg. Blunt.

Brachymeria lepida MASI 1917

Aride: 1 ♀, cocon 6.8.1975 leg. Blunt – 4 ♂♂ on Incia flowers 15.3.1978 leg. Rowley.

First record. Specimens have been collected on flowers of *Intsia bijuga* COLEBR. (Caesalpinaceae).

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Family A p i d a e

Subfamily A p i n a e

Xylocopa caffra (LINNÉ 1767)

Aride: 1 ♀ August 1975 leg. Blunt.

Subfamily H a l i c t i n a e

Lasioglossum mahense CAMERON 1907

Aride: 2 ♂♂ on *Incia* flowers 15.3.1978 leg. Rowley.

First record. Specimens have been collected on flowers of *Intsia bijuga* COLEBR. (Caesalpiniaceae) and *Rothmannia annae* WRIGHT (Rubiaceae). *L. mahense* makes nests in ground.

Family V e s p i d a e

Subfamily E u m e n i n a e

Delta alluaudi (PÉREZ 1895)

Aride: house 1 ♂ 11.7.1975, 2 ♀♀ 1 ♂ 11.8.1975 leg. Blunt; E9 1 ♀ 16.7.1975 leg. Blunt; E10, 580 on path 1 ♂ leg. Blunt.

Euodynerus seychellensis (DALLA TORRE 1904)

Aride: house 1 ♀ July 1975, 2 ♀♀ August 1975, 2 ♀♀ 14.7.1975 leg. Blunt; behind house 1 ♀ 21.7.1975 leg. Blunt – in tube: 1 ♀, pupa, 7 larvae of Lepidoptera 1978 leg. Rowley.

Subfamily P o l i s t i n a e

Polistes olivaceus (DEGEER 1773)

Aride: house 1 ♀ 10.8.1975 leg. Blunt.

The records of the families Formicidae and Megachilidae are dealt with by the ARIDE ISLAND RESEARCH GROUP (1999).

Acknowledgments

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Zusammenfassung

Die Funddaten von sieben Hymenopteren-Arten werden mitgeteilt. *Brachymeria lepida* MASI 1917, und *B. podagrica* (FABRICIUS 1787) (Chalcididae), und *Lasioglossum mahense* (CAMERON

1501

1907) (Apidae, Halictinae) sind neu für die Fauna der Insel Aride. Eine Liste der bekannten Arten ist beigelegt.

References

ARIDE ISLAND RESEARCH GROUP (1999): The ecology and conservation of Aride Island, Seychelles. — *Phelsuma* 7: 37-55.

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Table 1: List of the species recorded from Aride Island

Family	Subfamily	Species
Apidae	Apinae	<i>Apis mellifera unicolor</i> LATREILLE 1804
		<i>Xylocopa caffra</i> (LINNÉ 1767)
	Halictinae	<i>Lasioglossum mahense</i> (CAMERON 1907)
	Megachilinae	<i>Megachile seychellensis</i> CAMERON 1907
Chalcididae	Chalcidinae	<i>Brachymeria lepida</i> MASI 1917
		<i>Brachymeria podagrica</i> (FABRICIUS 1787)
Formicidae	Dolichoderinae	<i>Tapinoma melanocephalum</i> (FABRICIUS 1793)
		<i>Technomyrmex albipes</i> (SMITH 1861)
	Formicinae	<i>Brachymyrmex cordemoyi</i> FOREL 1895
		<i>Camponotus grandidieri</i> FOREL 1896
		<i>Camponotus hova</i> FOREL 1891
		<i>Paratrechina bourbonica</i> (FOREL 1886)
		<i>Paratrechina longicornis</i> (LATREILLE 1802)
		<i>Plagiolepis exigua</i> FOREL 1894
		<i>Plagiolepis madecassa</i> FOREL 1892
		<i>Monomorium floricola</i> (JERDON 1851)
		<i>Pheidole punctulata</i> (MAYR 1866)
		<i>Tetramorium lanuginosum</i> (MAYR 1870)
		<i>Tetramorium simillimum</i> (SMITH 1851)
	Ponerinae	<i>Odontomachus troglodytes</i> SANTSCHI 1914
Vespidae	Eumeninae	<i>Delta alluaudi</i> (PÉREZ 1895)
		<i>Euodynerus seychellensis</i> (DALLA TORRE 1904)
	Polistinae	<i>Polistes olivaceus</i> (DEGEER 1773)